



Pollution Probe's Survival Day Time Capsule

Prof. Donald A. Chant and Terry Aldon, upper right, lower a "time capsule" into a crypt outside the Humanities and Social Science Research Library now under construction as Pollution Probe's permanent record of the present threat to man's environment. These pictures taken on Oct. 14—Survival Day—show the capsule, contained in a flag and flower draped coffin, carried in procession across Harbord Street. The capsule consists of a glass cylinder filled with an inert argon gas, protected from radiation, heat and vibration, which is housed in an outer brass cylinder. The capsule contains micro-filmed printed matter about the pollution crisis, vials of liquid pollutants, slides, and tapes of noise, among other things. A bronze plaque, bottom right, marks the site of the burial place.



President's Council discusses its role in selecting a President and changing governing structure

The President's Council met in the Board Room, Simcoe Hall, on Wednesday, October 14, 1970.

The President of the Students' Administrative Council and some of his colleagues were present in response to the renewed invitation of the President's Council to the undergraduate students to take up their five seats on the Council. A letter from Mr. Hurd (SAC President) to Dr. Bissell setting out the four points of a resolution of SAC was read. SAC wished to make interim appointments of five students, one of them a part-time student, until such time as elections can be held by the whole student body. Mr. Hurd assured the President's Council that a meeting of SAC could be arranged before the next meeting of the President's Council to make the appointments; that these interim appointees would be considered as accountable to SAC, but that members subsequently elected by the student body would be accountable to their constituents; and that he was ready to get together with Mr. Ross (Vice-President and Registrar) to decide as quickly as possible on the most feasible election procedures.

In addition to decisions on the division of the student body into constituencies and on whether to conduct the voting by mail or by ballot box, it was noted that the timing of future elections must be carefully considered: the spring, which would make student representatives available for the first meeting of the Council in the fall, or the fall, when

incoming freshmen could have a chance of serving. The Council agreed to accept any election procedures devised by Mr. Hurd, Mr. Ross and their colleagues that were considered suitable by the Chairman of the President's Council. Replying to Mrs. Denyer, President of the Association of Part-time Undergraduate Degree Students, Mr. Hurd said that if the part-time student appointee was selected by APUDS and the name sent to SAC, that student would be included in the total student delegation.

The Council thought it most important to discuss thoroughly the matter of the nature of the committee to select a new President as soon as possible, but decided to hold it over until the next meeting, when undergraduate student members would have been appointed, and a motion to this effect was carried unanimously. The Council then agreed to hold a special meeting on this one subject at 2 p.m. on Monday, October 26, in the Dean's Conference Room of the Medical Sciences Building.

The President reported that the recommendations of the University-wide Committee on the top governing structure of the University had been sent on to the Prime Minister of Ontario and the Minister for University Affairs immediately following the June meeting of the Board of Governors, along with a reference to the minority report from the student delegates which had been anticipated to follow soon but which had not yet in fact been received. Mr. Hurd said that this report did exist in an incomplete form, but he could not say when it might be submitted. In the meantime, most of the Council agreed that some work ought to be started, and it was suggested that a small interim committee should be set up, either by the Council alone or jointly with the Board, to explore possible changes in the top governing structure. The job of such

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OCTOBER 14, 1970

SURVIVAL DAY

IN THE HOPE THAT THIS TIME CAPSULE
WILL BE FOUND BY A CIVILIZATION
WISER THAN OUR OWN, WE HAVE BURIED
HERE A RECORD OF MAN'S FOLLY
ON THE PLANET HE'S OUTGROWN.

POLLUTION PROBE AT THE UNIVERSITY OF TORONTO

OCTOBER 29 DEADLINE

University of Toronto Bulletin is published by Department of Information, Room 225, Simcoe Hall. All material for the next issue should be in the hands of the editor, Mrs. Winogene Ferguson (928-2102) by noon today. The next editorial deadline is noon, October 29.

Finance commissioner protests SAC approval of deficit budget

The Students' Administrative Council adopted its budget on Oct. 14 with a deficit estimated by finance commissioner Peter Boswell, at \$2,900. Mr. Boswell voted against the budget. After the meeting, he declared that it was "sheer irresponsibility" to adopt a deficit budget.

Surrounding the council, throughout most of the proceedings, were seated representatives of groups whose grants might have been endangered by SAC thrift: Black Students' Union, Varsity Downtown Education Project, Varsity, Varsity Board, Varsity Radio, Frontier College, Toike Oike; 41 members of the U of T Chorus.

Mr. Boswell denied that a proposed cut of \$7,500 in the Varsity budget would "curtail the Varsity's role as a campus voice". He told the council that it "has a responsibility to put a stop to the spiralling costs of the Varsity, which bear no relation to actual increases in operating costs".

David Frank, editor of the Varsity, insisted that the newspaper's financial

statements were accurate, and declared that "there was no guarantee that the Varsity would continue to publish" if its budget was cut.

A motion to restore the \$7,500 was carried by a vote of 16-15.

The Varsity Downtown Education Project, which operates a community school in the Trefann Court area, was returned the \$1,300 which had been cut from its \$12,700 grant.

Eric Miglin, vice-president of SAC, proposed that the previous grant of \$5,000 to the Black Students' Union be deleted from the budget. "I don't think any group should be able to come in here with a really nebulous budget and pressure SAC into accepting their demands", Mr. Miglin said. "That's what the BSU did last week."

Deborah Clarke, the BSU spokesman, told the council, "We came last week to ask for assistance. We didn't browbeat you. We're not going to beg. We'll raise our money elsewhere."

After further debate, the council voted not to delete the grant.

STAFF NOTES

Medicine

DR. J. C. LAIDLAW was chairman of the symposium on Steroid Hypertension at the Third International Congress on Hormonal Steroids in Hamburg Sept. 8.

DR. ALLAN KNIGHT addressed the first year students of McGill University, Faculty of Medicine, in the Behavioural Sciences course on Sept. 16. Dr. Knight was to attend the International Academy of Allergy and present a paper on "Progressive Multifocal Leukoencephalopathy in a Patient with Thymic Aymphoplasia" in Florence Oct. 12-17.

DR. W. PRUZANSKI gave two lectures at the XIII International Congress of Hematology, Munich, Aug. 1-6, entitled "Serum and Urinary Proteins, Muramidase and Renal Function in Leukemia: a Unique Defect in Mono- and Myelomonocytic Type." The other lecture was entitled "Clinical Manifestations and Characteristic Features of IgD Myeloma and Leukemia", of which I. ROTHER was co-author. Dr. Pruzanski

also will present three lectures at the Fourth Canadian Conference on Research in the Rheumatic Disease Oct. 15-17. His titles will be "Lysozyme (Muramidase) in Rheumatoid Arthritis" (W. Pruzanski, M. L. RUSSELL and M. A. OGYZLO); "Serum and Synovial Fluid Proteins in Rheumatic Diseases" (M. L. Russell, W. Pruzanski, D. A. GORDON and M. A. Ogryzlo); "The Release of Acid Hydrolases and Cationic Protein from PMN Leucocytes Exposed to Immune Complexes" by (N. S. TAICHMAN, N. S. RANADIVE and W. Pruzanski).

Computer Science

PROF. T. E. HULL participated in a regional conference July 20-24, at Boston University on the Applications of Functional Analysis and Approximation Theory to the Numerical Solution of Differential Equations. He delivered a talk on "Proving the Correctness of Algorithms".

PROF. D. CORNEIL has been appointed (See page 4, col. 3)

President's Council discussion

(Continued from page 1)

a committee would be to exchange views, to answer questions, to inform the University of what was going on, and to explain positions, and it was moved and carried that such an interim committee be established. Mr. Ross mentioned a number of problems that are going to have to be faced, whatever the final shape of the top governing structure turns out to be - Who will deal with matters now dealt with by the Senate? What will be the arrangements with the Federated Universities and for various other contractual obligations? How will electoral constituencies be set up? Members were reluctant to expend time on these matters until there was a clearer idea of what the governing structure would be, and it was left that such details as could be handled now by the administrative officers could be worked on by those officers, and other details left until a draft University of Toronto Act would give clearer direction.

The Council spent the remainder of the meeting discussing two documents sent out by the Committee of Presidents for approval by the individual universities. These documents dealt with the establishment of twin CPUO committees: the Advisory Committee Concerning Rational Development (ACCORD), and the Advisory Subcommittee on Academic Planning (ASAP), to appraise and assess graduate programs. Dr. Bissell said that ASAP was the more important document because the appraisal scheme for new graduate programs was already in operation and was working well. Appraisal of individual projected programs is a matter of value judgments, and relatively easy. The work of ASAP, however, is to embrace a formal review of both

current and projected programs of both graduate and undergraduate work within a discipline group over the whole province, and this is much more difficult. It involves political decisions of looking at the total resources and requirements of the province and deciding, first, how much or how little response is needed, and then where this response should be located, which is particularly difficult in the case of on-going undergraduate programs.

There was little disagreement in the Council that some such assessment was needed, and that it was preferable for the universities to exercise the control themselves rather than leave it to the government to impose the control. The Council's doubt was expressed first over whether the Committee of Presidents was able to enforce the decisions of ASAP, and second whether the University of Toronto itself wished to place its academic policies in the hands of a body where it carries proportionately so little weight.

The President's Council advised the President not to accept the proposed scheme of academic planning unless it is linked with a scheme of reform of the constitution of the CPUO with a view to making it more representative. It was left to the President to explain that the Council intended "more representative" to cover both the giving of a larger voice to the larger universities and the broadening of the constitution of the membership to embrace more sections of the academic community. He was also to explain that the University of Toronto wished to have another look at the plan even after the restructuring of CPUO has taken place before giving formal approval.

COMING EVENTS

OCTOBER

22 THURSDAY

Lectures

"Approximation by Splines". Prof. Carl de Boor, University of Michigan, Department of Mathematics. Room 103 McLennan Physical Laboratories. 3 p.m. (School of Graduate Studies and Department of Computer Science)

"Challenges in Health Services in the Next Decade". Dr. Karl Evang, Director General of Health Services, Oslo, Norway. Room 103 School of Hygiene. 4 p.m. (School of Graduate Studies and Department of Hygiene)

"Shakespeare and the Rogues". Samuel Schoenbaum, Northwestern University. Upper Library, Massey College. 4 p.m. (School of Graduate Studies and Graduate Centre for the Study of Drama)

"Science Fiction and the Coming of the Antichrist (on Vladimir Soloviev)". Prof. Czeslaw Milosz. Room 2118 Sidney Smith Hall. 4.15 p.m. (School of Graduate Studies and Department of Slavic Languages and Literatures)

"Explanation and Interpretation". Paul Ricour, Paris. Room 106 UC. 4.30 p.m. (Graduate Program in Comparative Literature and Varsity Fund)

"Variation of Chemical Abundances in Galaxies". Dr. Manuel Peimbert, Universidad Nacional Autonoma De Mexico, Mexico. Room 202 McLennan Physical Laboratories. 4.10 p.m. (School of Graduate Studies and Department of Astronomy)

OISE Public Lecture Series. "Alternatives in Education". Third in the series. "Alternatives through Computers". Patrick Suppes, Professor, School of Education at Stanford University. Auditorium, OISE, 252 Bloor Street West. 8 p.m.

"The Symphony Orchestra, Past, Present, and Future". Prof. Ezra Schabas, Concert Hall, Edward Johnson Building. 8 p.m. (Faculty of Music)

Thursday Afternoon Series. William Aide, pianist, School of Music, University of Manitoba. Concert Hall, Edward Johnson Building. 2 p.m. Free. (Faculty of Music)

"Mid-Canada Development Corridor". Speaker to be announced. St. Thomas's Parish Hall, 383 Huron St. 1.45 for 2 p.m. (University Arts Women's Club)

Recital

Meeting

23 FRIDAY

Lectures

"The Dissertation and After: Untrodden Paths in Research". Samuel Schoenbaum, Northwestern University. Upper Library, Massey College. 11 a.m. (School of Graduate Studies and Graduate Centre for the Study of Drama)

"Some Organic Chemistry of Platinum". Prof. H. C. Clark, University of Western Ontario. Room 158 Lash Miller Chemical Laboratories. 4 p.m. (School of Graduate Studies and Department of Chemistry)

24 SATURDAY

Seminar

"War in the Middle Ages" series. "Military Service and Western Society, ca. 750-1200". Prof. John Beeler, Department of History, University of North Carolina, Greensboro. "Epic Concepts of Restraint versus Intolerance and Prejudice". Prof. Erich von Richtofen. "War and English Politics in the 15th Century". Prof. Michael Powicke. Moot Court, Faculty of Law. 2 p.m. (School of Graduate Studies and Centre for Medieval Studies)

25 SUNDAY

Fall Fair

Hart House Farm presents the Free Fall Fair in the Caledon Hills. Planned activities include hayrides, square-dancing, sauna, and contests of strength and skill. Inquiries at the undergraduate office, Hart House.

Bronze life-sized figure by Sorel Etrog of the late Prof. Jessie Macpherson, Dean of Women and professor of ethics, Victoria College, will be presented prior to the Victoria Alumni-Alumnae Homecoming Tea. In front of the Pratt Library. 2.30 p.m.

Presentation

26 MONDAY

Lectures

"Extensions, Dilations, and Boundary Representations". Prof. William B. Arveson, University of California, Berkeley. Room 5017B Sidney Smith Hall. 12 noon. (School of Graduate Studies and Department of Mathematics)

"Some Recent Studies By Means of Transmission. Electron Microscopy". Dr. S. Amelinckx, S.C.K./C.E.N., Mol, Belgium. Room 116 Wallberg Building. 2 p.m. (School of Graduate Studies and the Department of Metallurgy & Materials Science)

"Survey of Question-Answering Systems". Prof. J. Minker, University of Maryland. Room 203 McLennan Physical Laboratories. 3.45 p.m. (School of Graduate Studies and Department of Computer Science)

Organ recital by Dr. Charles Peaker, U of T organist. Convocation Hall. 5.05 p.m.

Music

27 TUESDAY

Lectures

Luncheon Series. "The Kodaly Method . . . what it is and what it can do". Gordon Kushner. Concert Hall, Edward Johnson Building. 1 p.m. (Faculty of Music)

"The Romantic Movement and Scientific Method". Prof. L. Pearce Williams, chairman, Department of History, Cornell University. Room 203 McLennan Physical Laboratory. 1.10 p.m. (Institute for the History and Philosophy of Science and Technology, and the Varsity Fund)

"Soviet Geography Main Scientific Trends". Prof. I. P. Gerasimov, Academy of Sciences, Moscow. Room 622 Sidney Smith Hall. 4 p.m. (School of Graduate Studies and Department of Geography)

"The Choquet Boundary and Approximation Theory". Prof. William B. Arveson, University of California, Berkeley. Room 2118 Sidney Smith Hall. 4 p.m. (School of Graduate Studies and Department of Mathematics)

"Meaning and Intention". Max Black, Cornell University. Room 106 U.C. 4.30 p.m. (Graduate Program in Comparative Literature, in co-operation with Centre for Linguistic Studies, Departments of English and Philosophy, and the Institute of Christian Thought)

"The Z Disc of Skeletal Muscle and Its Pathological Anomalies". Dr. Ronald D. MacDonald, Department of Neurology, Wellesley Hospital. "The Anatomy of Single Motor Units in Skeletal Muscle". Dr. Murray Brandstater, Department of Medicine, McMaster University. Osler Hall. 5 p.m. (Toronto Neurological Society)

"The Struggle for Autonomy in the Arab East since 1800". Over CJRT-FM (91.1) at 1.30 p.m. and repeated at 9 p.m. Presented by Department of Islamic Studies.

"MacRune's Guevara" by John Spurling, directed by Ross Stuart. Studio Theatre, 4 Glen Morris. Oct. 27-31. 8.30 p.m. Free

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Broadcast

Theatre

Hare committee begins study of Scarborough's basic problems

Basic problems facing Scarborough College were outlined and discussed at the second meeting of the Presidential Advisory Committee on the Status and Future of Scarborough College.

Prof. Kenneth Hare, chairman, named two basic problems for the College in its relationship within the University: the uncertain and ambiguous personal position of College faculty members and its difficulty in taking decisions as an institution in its academic relationship in the University.

The position of the faculty members outlined by Dr. Hare was set out in the minutes of the meeting:

"Faculty members faced a conflict of interests and loyalties, having affiliations not only with the College but also with the teaching departments of the University. Because of the considerable power of the teaching departments over the futures of the Scarborough members, the Scarborough faculty members often found it difficult to muster wholehearted commitment to the College. This was exacerbated by the fact that a large number of the College's faculty members held the rank of assistant professor and were, consequently, at a stage in their careers where their futures were still rather uncertain. In addition, Scarborough faculty members now felt uncertain about their role in graduate education and about the future availability of research facilities at their College."

In the matter of the taking of decisions, the minutes report the chairman as saying:

"Because of the links with the teaching departments and the Faculty of Arts and Science on the St. George campus, the College has faced considerable difficulty in attempting to fulfill its hoped-for role as an innovative academic institution."

Dr. Hare asked the committee to begin discussions by considering whether or not the present academic arrangements were workable.

The discussion, as recorded in the minutes, continued:

At the request of the chair, Prof. G. A. Yarranton outlined the sorts of problems that have led many persons at the College to believe that present academic arrangements are unworkable: (a) problems in the conduct of the undergraduate program; (b) problems concerning graduate teaching; and (c) administrative and financial problems.

First, the College encountered considerable difficulty and frustration in its attempt to develop a distinctive undergraduate curriculum. This problem arose because any changes in the Scarborough College curriculum required the approval of the Council of the Faculty of Arts and Science and of its committees, and Scarborough College representation, particularly on committees, was very small. Moreover, the problems of the University tended to be examined only in the context of the St. George campus, and problems particular to the Scarborough campus were not fully considered for lack of time and energy.

Second, members of the faculty of the College encountered difficulty in the area of graduate teaching. There existed a relative scarcity of funds for graduate teaching and a relative shortage of space allotment for graduate research facilities. Because departmental chairmen naturally would prefer to have research conducted on the St. George campus, where chairmen could observe its progress more closely, the Scarborough campus would be unlikely to receive a fair share of graduate income and research facilities.

Moreover, because the number of faculty members and graduate students was small at the Scarborough campus, Scarborough faculty members would tend to do poorly in the competition for graduate students. Yet, the Scarborough campus would not be able to develop a satisfactory academic atmosphere and to attract and retain first rate faculty unless there was graduate research being conducted on the Scarborough campus. Third and finally, there existed various administrative and financial problems.

Prof. R. C. Roeder reminded the Committee that when Scarborough College was established, faculty members in science disciplines were assured that the College would be more than a liberal arts college and that it would offer a full range of undergraduate science courses. Further, faculty members were assured that they would have access to the Graduate School equal to that of their colleagues on the St. George campus. Prof. Roeder diagnosed the main cause of the malaise of Scarborough faculty members as the need to perform the impossible task of serving two masters. A faculty member who serves his Scarborough College master well and who performs many essential services at the College often finds that this service is not taken into account by his departmental master in the consideration of promotion and granting of tenure.

Prof. P. W. Cave outlined the parallel administrative and governmental structures of the College and of the departments, the Faculty of Arts and Science and the University. He argued for a particular distribution of responsibilities between these two parallel structures. The College possessed an administrative structure, parallel to the structures on the St. George campus, capable of performing any required administrative functions. . . .

However, Prof. Cave argued, it would be necessary for the Committee to determine which functions should be assumed by the College structures and which should remain the responsibility of the departmental, Faculty and University structures. Prof. Cave reported his opinion that the College should assume autonomous responsibility in all areas but two: its graduate teaching and the hiring, promotion and tenure of its faculty. Concerning graduate teaching, the College should clearly assume no administrative responsibility, but clearly should be designated as a legitimate base of operations for graduate students working with faculty members from the College. The fact that a faculty member does his undergraduate teaching at the Scarborough campus should be irrelevant to whether or not he does graduate teaching. Concerning hiring, promotion and tenure, Prof. Cave suggested parity participation of persons from the College and persons from the other parts of the University. In other matters, including curriculum, Prof. Cave recommended autonomy for Scarborough College. However, he recommended as well the maintenance of at least a nominal link with the Faculty of Arts and Science.

Prof. P. H. Salus pointed out that the complicated channels through which one must pass in order to win curricular changes and the frequent obstacles thrown up in these channels made Scarborough College faculty members feel like second class members of the University. It seemed inappropriate that judgment should be passed on curricular offerings by persons other than those responsible for teaching the curriculum involved. Prof. W. C. Graham pointed out the enormous amount of time required and the enormous number of frustrations involved in winning approval for curricular offerings through twice the number of obstacles normally encountered by St. George campus colleagues. The result of these efforts tended to be a patchwork of course offerings rather than the original, carefully planned and internally consistent curriculum.

Dean A. D. Allen and Prof. J. G. Slater, while expressing understanding of the problems encountered by the College, asked members of the College to understand the very considerable problems facing the other parts of the University in the recent past and to appreciate that the achievement of changes in the University as a whole will facilitate the achievement of changes at Scarborough. Dean Allen indicated his basic agreement with many of the points made by Prof. Cave. He stated his opinion that the College's curricular autonomy was greater at present than at the time when the College's new curriculum had to be

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RAMANKUTTY NAIR is India's most famous portrayal of the monkey general Hanuman and will perform this role in the Kerala Kalamandalam Kathakali Company's production of the Ramayana. The company will give a one-night performance on Monday, Nov. 9, in the MacMillan Theatre, Edward Johnson Building, at 8.30 p.m. Tickets \$4, students \$2. Box office: 928-3744. The company will also present a lecture-demonstration on Tuesday, Nov. 10, at 10 a.m. in the U.C. Playhouse. Admission is free.

For First Aid

First aid treatment for injuries (but not illness) is available on the four U of T campuses. The Safety and Security Office, Physical Plant Department, suggests the list of first aid posts below be clipped and retained for reference:

- St. George Campus
Medical Science Building, Room 2258. 928-2744.
- Hygiene Building, Room 71. 928-2744.
- University Health Service, 256 Huron St. 928-2455.
- Hart House — Athletic Association, basement, west side.
- Varsity Arena, Room 105. 923-4066.
- Varsity Stadium, Gate 3. 923-4066.
- Scarborough College — Room S304. 284-3253.
- Erindale College — Preliminary Building, Room 114. 828-5255.
- Downsview
Connaught Laboratories, Building 83, Room 207. 635-2645.
- Institute of Aerospace Studies, Shop office, Room 143. 635-2835.
- University of Toronto Press, Press room office. 635-2782.

Post-secondary education submissions are invited

The Commission on Post-Secondary Education in Ontario invites administrators, faculty and students of Ontario universities, as groups or as individuals, to submit briefs and submissions and to attend public hearings, which will begin in November.

Hearings are to provide a forum for public discussion of the issues involved in planning for Ontario's educational requirements beyond the secondary level. Additional information and the Commission's criteria for briefs may be obtained from H. C. McIntyre, Associate Secretary, Commission on Post-Secondary Education in Ontario, Suite 203, 505 University Avenue, Toronto 2.

Library Council Election

Due to an insufficient number of nominations, the mail ballot election for members of the Library Council scheduled for Wednesday, October 21 was cancelled.

Members of teaching staff constituencies I (Humanities), II (Social Science), III (Physical Science), IV (Life Science) will receive mail ballots within the next three weeks.

Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. Oral Examinations.

Friday, October 23

I. S. Salti, Institute of Medical Science. "The 16 α -hydroxylation of Progesterone by Rat Liver". Thesis supervisor: Prof. J. L. Ruse. East Room, 16 Hart House Circle. 10 a.m.

P. H. Peskun, Department of Mathematics. "The Choice of Transition Matrix in Monte Carlo Sampling Methods Using Markov Chains". Thesis supervisor: Prof. W. K. Hastings. West Room, 16 Hart House Circle. 10 a.m.

R. D. Kennedy, Department of History. "The Irish Whigs, 1789-1793". Thesis supervisor: Prof. A. P. Thornton. Room 201, 65 St. George Street. 2 p.m.

M. Jackson, Department of Educational Theory. "A Philosophical Critique of the Teaching of Social Studies: An Epistemological Study of Explanation". Thesis supervisor: Prof. B. Crittenden. Round Room, Massey College. 2.30 p.m.

Monday, October 26

K. W. Cheung, Department of Botany. "Metabolism of Glucose in Corn Coleoptiles in the Presence and Absence of 2,4-Dinitrophenol". Thesis supervisor: Prof. D. F. Forward. East Room, 16 Hart House Circle. 10 a.m.

D. C. Davies, Department of Political Economy. "Ideology and Myth in the Philosophy of Georges Sorel". Thesis supervisor: Prof. C. B. Macpherson. East Room, 16 Hart House Circle. 2 p.m.

B. N. Olshen, Department of English. "The Reception of Restoration Comedy of Manners in 19th Century England: An Account of Wycherley, Congreve, Vanbrugh, and Farquhar on the Stage and in The Study". Thesis supervisor: Prof. P. F. Morgan. West Room, 16 Hart House Circle. 2 p.m.

A. M. Wyner, Department of Chemical Engineering. "The Decomposition of Tetralin Hydroperoxide". Thesis supervisor: Prof. W. F. Graydon. Room 201, 65 St. George Street. 2 p.m.

Tuesday, October 27

Trevor Denton, Department of Anthropology. "The Dramaturgical Approach: Applications to Housing and Migration at a Canadian Reserve". Thesis supervisor: Prof. R. W. Dunning. East Room, 16 Hart House Circle. 10 a.m.

Mrs. D. A. V. McDonald, Department of Political Economy. "Political Equality in Anglo-American Natural Rights Theory: An Analysis of the Is/Ought Relation in Political Argument". Thesis supervisor: Prof. C. B. Macpherson. West Room, 16 Hart House Circle. 10 a.m.

Z. Roman, Department of Music. "Mahler's Songs and Their Influence on His Symphonic Thought". Thesis supervisor: Prof. A. M. Walter. Room 310, Edward Johnson Building. 11 a.m.

C. R. Chase, Department of English. "Panel Structure in Old English". Thesis supervisor: Prof. J. F. Leyerle. Round Room, Massey College. 2 p.m.

J. J. Hartley, Department of Philosophy. "The Philosophy of Maurice Merleau-Ponty: A Philosophy of Form". Thesis supervisor: Prof. L. E. Lynch. East Room, 16 Hart House Circle. 2 p.m.

A. K. Lo, Department of Aerospace Studies. "On the Application of the Method of Integral Relations to the Solutions of Some Hypersonic Viscous Flow Problems". Thesis supervisor: Prof. P. A. Sullivan. (This examination was previously scheduled for Oct. 22.) Room 201, 65 St. George Street. 2 p.m.

Miss S. Shettleworth, Department of Psychology. "The Role of Conditioned and Reinforcing Stimuli in the Development of Drinking Behavior by Domestic Chicks". Thesis supervisor: Prof. G. E. Macdonald. East Room, 16 Hart House Circle. 2 p.m.

Wednesday, October 28

E. S. Kondo, Department of Botany. "Studies on the Physiology of C. ulmi (Buism) C. Moreau and Its Host (Ulmus Spp)". Thesis supervisor: Prof. E. Jorgensen. Room 201, 65 St. George Street. 10 a.m.

I. Spence, Department of Psychology. "Multidimensional Scaling: An Empirical and Theoretical Evaluation". Thesis supervisor: Prof. J. C. Ogilvie. East Room, 16 Hart House Circle. 10 a.m.

P. P. Kohler, Department of Italian and Hispanic Languages. "The Literary Image of the Spanish Civil War of 1936-39 in Max Aub's El Laberinto Magico". Thesis supervisor: Prof. K. Ellis. Room 201, 65 St. George Street. 1 p.m.

A. K. Baksi, Department of Physics. "Isotopic Studies in Geophysics". Thesis supervisor: Prof. D. York. West Room, 16 Hart House Circle. 2 p.m.

J. R. M. Bristol, Department of Philosophy. "The Nature and Function of the Moral

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COMING EVENTS

OCTOBER (Continued from page 2)

28 WEDNESDAY

Lecture

"Politics of Population Control in Latin America". Dr. J. M. Stycos, International Population Program, Cornell University, N.Y. Room 229 Borden Building. 3 p.m. (School of Graduate Studies and the Department of Sociology)

29 THURSDAY

Lectures

"Structural Instability Anharmonicity, and High Temperature Superconductivity". Dr. L. R. Testardi, Bell Telephone Laboratories, N.J. Room 102 McLennan Physical Laboratories. 4.10 p.m. (School of Graduate Studies and Department of Physics)

"Lucretius: His Claim in the Proem (1, 1-145)". Prof. David Furley, Princeton. Room 24 Trinity College. 4.30 p.m. (School of Graduate Studies and Department of Classical Studies)

"Mythology and Revelation". Northrop Frye. Room 106 UC. 4.30 p.m. (Graduate Program in Comparative Literature, in co-operation with Centre for Linguistic Studies, Departments of English and Philosophy, and the Institute for Christian Thought)

The Symphony Orchestra, Past, Present, and Future. Prof. Ezra Schabas, Concert Hall, Edward Johnson Building. 8 p.m. (Faculty of Music)

30 FRIDAY

Lectures

"Progress Toward Cellular Engineering". Dr. R. A. Good, University of Minnesota. "Epidemiological Clues to the Mechanism of Carcinogenesis". Dr. W. R. S. Doll, Oxford University. Auditorium Medical Sciences Building. 10.30 a.m. (The Gairdner Foundation)

"The Nuclear Overhauser Effect: Applications in Some Organic Systems". Prof. R. A. Bell. Room 158 Lash Miller Chemical Laboratories. 4 p.m. (School of Graduate Studies and the Department of Chemistry)

"Lucretius' Use of Biological Models". Prof. David Furley, Princeton. Room 24 Trinity College. 4.30 p.m. (School of Graduate Studies and Department of Classical Studies)

Faculty Club Buffet Supper. 5.30-8 p.m.

31 SATURDAY

Lecture

"The History of Methadone Maintenance Treatment". Dr. Vincent P. Dole, Rockefeller University, N.Y. "Theories of Antibody Formation". Dr. Niels K. Jerne, Basel Institute of Immunology, Basel. "The Synthesis of An Enzyme". Dr. R. B. Merrifield, Rockefeller University. Auditorium, Medical Sciences Building. 9.30 a.m. (The Gairdner Foundation)

NOVEMBER

1 SUNDAY

Music

Scholarship Fund Series. Orford String Quartet, Garnet Brooks, tenor. Concert Hall, Edward Johnson Building. 8.30 p.m. Series ticket, \$8.50, students \$5. Single ticket \$2, students \$1.25. (Faculty of Music)

2 MONDAY

Music

Organ recital by Olive Strand, with Norma Lewicki-Tétréau, soprano. Convocation Hall. 5.05 p.m.

3 TUESDAY

Lecture

"Merging Horizons: System, Common Sense, Scholarship". Bernard Lonergan, St. Regis College. Room 106 UC. 4.30 p.m. (Graduate Program in Comparative Literature, Institute of Christian Thought, and Toronto School of Theology)

Broadcast

"Islam - Faith and Practice". Over CJRT-FM (91.1) at 1.30 p.m. and repeated at 9 p.m. Presented by Department of Islamic Studies.

Music

Noon Hour Concerts. Sara Hayden, contralto and John McKay, piano. Concert Hall, 273 Bloor Street West. 12.15 p.m.-12.45 p.m. Free (Royal Conservatory of Music)

4 WEDNESDAY

Lecture

"The Definition of a University". Prof. Northrop Frye. Auditorium, OISE, 252 Bloor Street West. 8 p.m. (Ontario Institute for Studies in Education)

Music

"Iphigenia en Tauride" by Gluck. MacMillan Theatre, Edward Johnson Building. 8 p.m. Tickets \$2. Students \$1. (Faculty of Music Opera Department)

5 THURSDAY

Music

"Iphigenia en Tauride" by Gluck. MacMillan Theatre, Edward Johnson Building. 8.30 p.m. Tickets \$2, students \$1. (Faculty of Music Opera Department)

Ph.D. Orals

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Sense in the Ethical Philosophies of Shaftesbury and Hutcheson". Thesis supervisor: Prof. D. Gauthier. Room 619, 215 Huron Street. 2 p.m.

C. I. Lumsden, Department of Political Economy. "Consciousness and Conviction: The Political Beliefs of Fidel Castro". Thesis supervisor: Prof. H. G. Skilling. Round Room, Massey College. 2 p.m.

G. Noonan, Department of English. "Idea and Technique in the Novels of Aldous Huxley". Thesis supervisor: Prof. W. J. Keith. East Room, 16 Hart House Circle. 2 p.m.

Thursday, October 29

Geoffrey Gaherty, Department of Anthropology. "Skeletal Variability in Recent African Populations". Thesis supervisor: Prof. D. R. Hughes. Room 201, 65 St. George Street. 10 a.m.

M. C. Temple, Department of Civil Engineering. "Stability of Columns with Biplanar Bracing". Thesis supervisor: Prof. R. A. Collins. West Room, 16 Hart House Circle. 10 a.m.

Albert Pietersma, Department of Near Eastern Studies. "The Textual Character of Septuagint Papyri 961 and 962 (Chester

Beatty IV & V)". Thesis supervisor: Prof. J. W. Wevers. Room 201, 65 St. George Street. 2 p.m.

N. T. Burland, Department of Philosophy. "Nature and Spirit in Santayana". Thesis supervisor: Prof. C. W. Webb, Advisor: Prof. E. L. Fackenheim. West Room, 16 Hart House Circle. 2 p.m.

J. W. Scull, Department of Psychology. "Experiments on a More General Theory of Persistence". Thesis supervisor: Prof. A. Ansel. Room 6003, 100 St. George Street. 2 p.m.

R. T. G. Clippingdale, Department of History. "J. S. Willison, Political Journalist: From Liberalism to Independence, 1881-1905". Thesis supervisor: Prof. D. C. Creighton. Room 2101, Sidney Smith Hall. 2 p.m.

Christmas vacation

The President has announced that the University offices and the University Library will be closed from 5 p.m. on Tuesday, Dec. 22, 1970, until 8.45 a.m. on Monday, Dec. 28, 1970, and all day on Friday, Jan. 1, 1971.

Hare committee begins study of Scarborough's basic problems

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abandoned. It was unlikely that the Faculty of Arts and Science would now reject any Scarborough College curricular proposals that had the approval of the teaching departments. When the College's curricular proposals encountered opposition two years ago, there was fault on both sides: on the Scarborough side for inadequate consultation with departments and on the St. George side for emotionally reacting against Scarborough's wishes for curricular autonomy. However, this was now all in the past.

In the more recent past, Dean Allen stated, he regretted his inability to support the Scarborough College proposal for a separate general committee of Council of the Faculty of Arts and Science. However, he predicted that in the near future, a Scarborough proposal for a separate general committee would receive the necessary support. However, this would not obviate the need for consultation with St. George campus colleagues in individual disciplines to assure portability of credits between the campuses. Dean Allen expressed his personal hope that the two campuses would remain joined in this way.

Prof. Yarranton and Dean Riddick reiterated their opinions that the sort of solution described by Dean Allen would not be an adequate one to the problems that have occurred. Prof. Yarranton pointed to the example of hiring policies in some departments. Often, faculty members hired for Scarborough College were selected more with a view to their utility to the department's graduate teaching and undergraduate teaching on

the St. George campus than with regard to the College's curricular needs. Dean Riddick stressed that the pressure on Scarborough College faculty members to participate in the activities of their departments on the St. George campus took them away from activities on the Scarborough campus. . . . Despite the theory of equal access to graduate students, the facts proved that Scarborough College faculty members had far less ready access than St. George campus colleagues. Dean Allen's comment about the possibility of a separate general committee of the Council of the Faculty of Arts and Science for Scarborough seemed unlikely. The proposed new overall General Committee, which would hear any Scarborough request for a separate general committee had a representation of three members of Scarborough College out of a total of 170 members. The total representation for the Scarborough and Erindale campuses on the proposed general committee totalled six members of 170 when about 30 per cent. of the students in the Faculty were students at one of these campuses.

Prof. Cave stated that he had noticed a general feeling in favour of greater curricular autonomy for the Scarborough campus. He proposed that the Committee explore concrete ways of instituting this general feeling of favour towards curricular autonomy. Other members opposed the suggestion on the grounds that it might lead to the construction of an unsatisfactory patchwork solution. After some discussion it was agreed that the Committee would continue with further general discussion until viewpoints and ideas began more to crystallize.

STAFF NOTES

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to the Computer Science Technology Advisory Committee of Sheridan College.

PROF. C. C. GOTLIEB spent two weeks at the Pontifical Catholic University (Pontificia Universidade Catolica - PUC) in Rio de Janeiro. The main purpose for the trip was to investigate the possibility of a twinning arrangement by which the Universities of Toronto and Waterloo would undertake to aid in upgrading the Computer Science program at PUC. During his stay Prof. Gotlieb presented a number of seminars. These included lectures on "Evaluation of System Performance", "Graph Theory in Computing", and "International Activities related to computers". Prof. Gotlieb participated by invitation in a panel discussion on "Computer Science Education for the 70's" organized by the Ottawa chapter of the Association for Computing Machinery on Sept. 17.

College of Education

PROF. D. L. MUMFORD attended the Milwaukee Convention of the National Council of Teachers of Mathematics. A mathematics workshop based on Transformation and Graphing was given by Prof. Mumford and MORRIS LIEBOVITZ. PROFS. MACLEAN, MUMFORD and RIDGE, in association with W. W. BATES, OLIVE C. FULLERTON and J. F. FORD of the Toronto Board of Education have completed the publication of a new mathematics book "Mathematics Book 7" for use in elementary schools. This is part of an activity oriented, self-teaching program. Associated with the book is a "Mathaction" program described in a book "Mathaction 7" which is accompanied by a set of activity cards. The program suggests two periods a week of Mathematics-oriented activities with three periods a week of less open activity.

PROF. G. A. KIRK was co-chairman of the group dealing with "Linguistic Theories and Language Teaching" at an O.I.S.E. invitational workshop on June 19 to discuss DR. WILGA RIVERS book "Teaching Foreign Language Skills".

At the conference for British exchange teachers to Canada, held recently at the Commonwealth Institute, London, under the auspices of the League for the Exchange of Commonwealth Teachers, PROF. GARY SMITH spoke on the subject "Main Themes in Canadian History".

A 90-page manual of language laboratory drills in French has been jointly produced by MME. N. L. DEBRIE of Trinity College

and MESSRS. JONES and JAMES of C.O.E.'s Modern Languages Department.

PROF. R. R. A. ROY represented the Modern Languages Department at "L'Association Canadienne d'Éducation de Langue Française" in Moncton, N.B. Aug. 18-21. Educators from all parts of Canada were present. A full day was devoted to the study or discussion of French in the Maritime provinces. Several universities were visited by the delegates, including Moncton University.

PROF. J. W. GREIG has been appointed to the Senate Committee on University Extension at Innis College, called Studies in Education, which consists of four study areas involving Philosophy, Psychology, Politics and Economics of Education. Prof. Greig spoke to the Co-ordinators and Master Teachers Association of Ontario on the theme of combining education. Prof. Greig attended an invitational conference at Harvard University in July which examined problems connected with higher education.

Dentistry

DR. S. WEINBERG presented two lectures to the Newfoundland Dental Association at the annual meeting at Gander, Sept. 17 and 18: "Odontogenic Infections" and "The Surgical Correction of Malocclusions".

Books

Marcel Schwob, *Fausserie de la Nature*, by G. R. F. Trembley for the publication of which a \$2000 grant was received from the Humanities Research Council of Canada.

Sango, *Langue de l'Afrique Centrale*. By W. J. Samarin. E. J. Brill and Co. (Leiden). September, 1970.

HH Food Services

Hart House Food Services are open to both men and women. Hours for the various rooms are as follows: the Great Hall cafeteria is open Monday to Friday for luncheon from 11.45 a.m. to 1.45 p.m.; for dinner from 4.45 p.m. to 6.30 p.m.

The Gallery dining room (with table service) is open Monday to Friday for luncheon from 12 o'clock noon to 1.45 p.m. and for dinner from 6 to 7.30 p.m.

The Arbor Room is open from Monday to Friday from 8 a.m. to 10.30 p.m.; on Saturday from 8 a.m. to 5.30 p.m.; and from 12 o'clock noon to 6 p.m. on Sunday.